

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E86074

Participation : CTR

Employer : Virginia Mason Medical Center

Status : Affected

Worksite : Met Park West

Survey Type : Online

Street : 1100 Olive Way

Response Rate : 53%

Jurisdiction : City of Seattle

Survey Date : 10/9/2017

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 81.4%

Drive Alone Rate : 18.6%

One-Way VMT per employee : 4.5

Average One-Way distance home to work : 22.2

Employees and Survey Response Information

Reported Total Employees at Worksite: 582

Surveys Distributed : 527

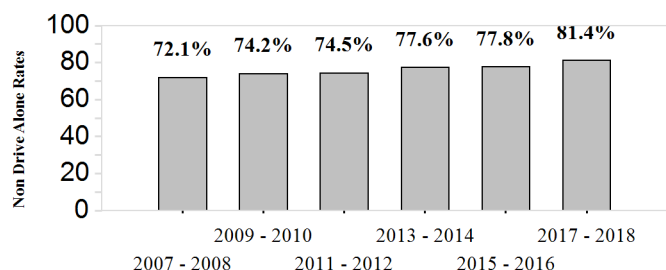
Surveys Returned : 278

Surveys Returned by CTR Affected* Employees : 269

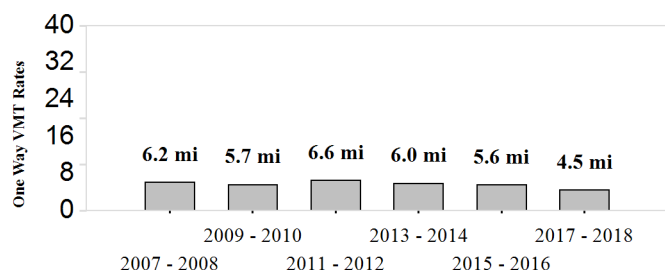
Total Estimated CTR Affected Employees at Worksite : 510

*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO2e Pounds CO2e

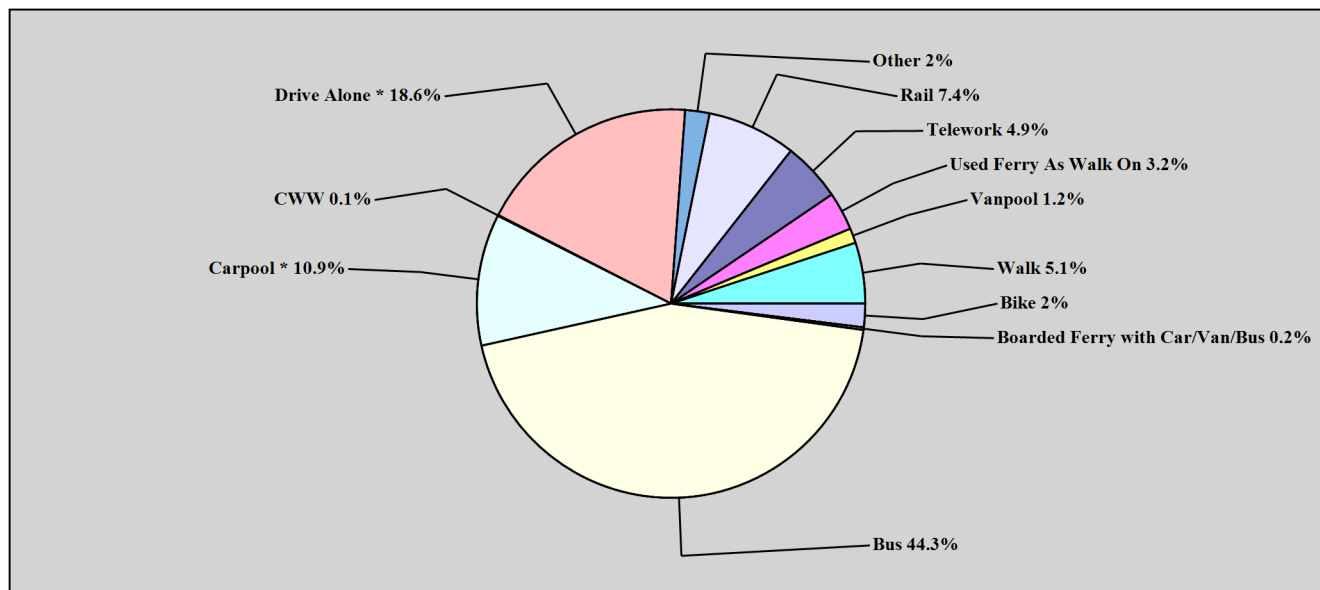
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	72.1%	72.9%	426	660	10.0	6.2	6.2
2009 - 2010	74.2%	76.3%	382	501	7.6	5.7	5.6
2011 - 2012	74.5%	74.5%	430	631	9.6	6.6	6.7
2013 - 2014	77.6%	77.6%	543	796	12.1	6.0	6.0
2015 - 2016	77.8%	79.2%	544	657	10.0	5.6	5.4
2017 - 2018	81.4%	82.1%	276	577	8.7	4.5	4.4
Target	80.0%				Target:	N/A	
% Point Change Target:	7.9				% Change Target:	N/A	
% Point Change from Baseline:	9.3				% Change from Baseline:	-27.4%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



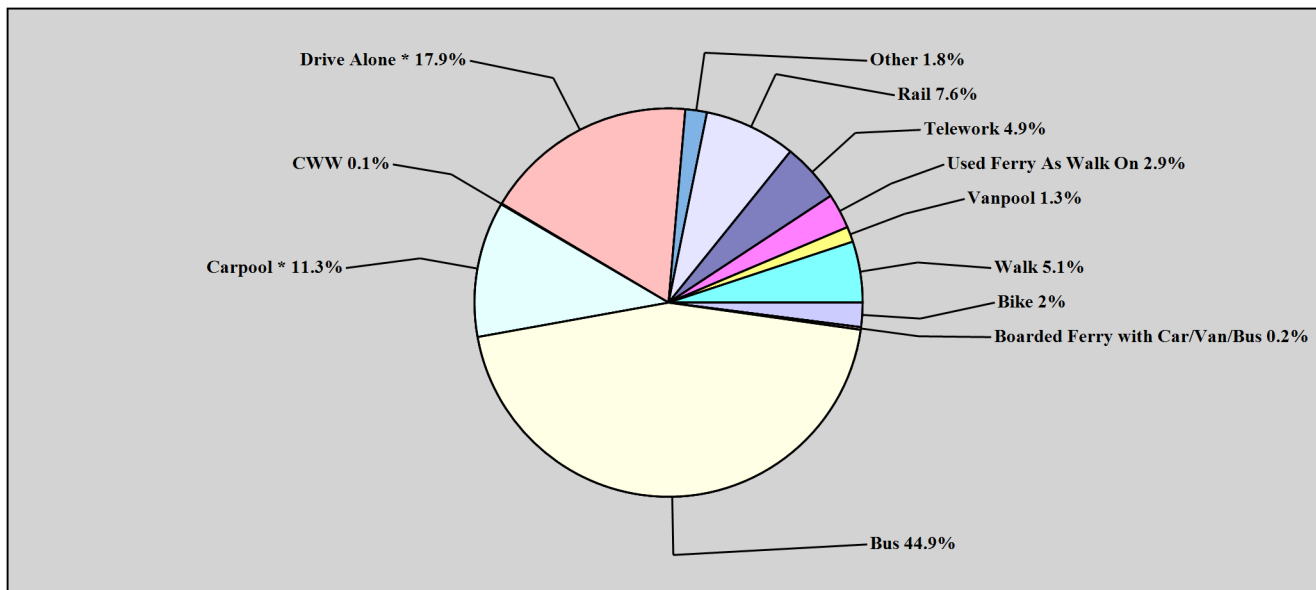
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	257	18.6%	22.1%	77	27.7%	32.5%
Carpool *	151	10.9%	13.8%	47	16.9%	18.7%
Vanpool	17	1.2%	1.8%	4	1.4%	2.1%
Bus	612	44.3%	43.6%	146	52.5%	48.8%
Rail	102	7.4%	5.1%	25	9.0%	6.1%
Bike	27	2.0%	1.3%	7	2.5%	1.5%
Walk	70	5.1%	4.3%	18	6.5%	5.0%
Telework	68	4.9%	3.6%	36	13.0%	8.2%
CWW	1	0.1%	0.3%	1	0.4%	0.6%
Boarded Ferry with Car/Van/Bus	3	0.2%	0.3%	1	0.4%	0.6%
Used Ferry As Walk On	44	3.2%	2.4%	10	3.6%	2.5%
Other	28	2.0%	1.6%	10	3.6%	2.7%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	239	17.9%	20.7%	71	26.4%	30.7%
Carpool *	151	11.3%	14.2%	47	17.5%	19.2%
Vanpool	17	1.3%	1.9%	4	1.5%	2.2%
Bus	601	44.9%	44.3%	143	53.2%	49.9%
Rail	102	7.6%	5.1%	25	9.3%	5.7%
Bike	27	2.0%	1.3%	7	2.6%	1.5%
Walk	68	5.1%	4.4%	17	6.3%	5.1%
Telework	66	4.9%	3.4%	34	12.6%	8.2%
CWW	1	0.1%	0.3%	1	0.4%	0.7%
Boarded Ferry with Car/Van/Bus	3	0.2%	0.3%	1	0.4%	0.7%
Used Ferry As Walk On	39	2.9%	2.5%	9	3.3%	2.6%
Other	24	1.8%	1.5%	9	3.3%	2.6%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	37	13%	278	100%
1 Days	9	3%	241	87%
2 Days	5	2%	232	83%
3 Days	12	4%	227	82%
4 Days	26	9%	215	77%
5 Days	176	63%	189	68%
6 or More Days	13	5%	13	5%

Count by Occupancy of Carpools and Vanpools

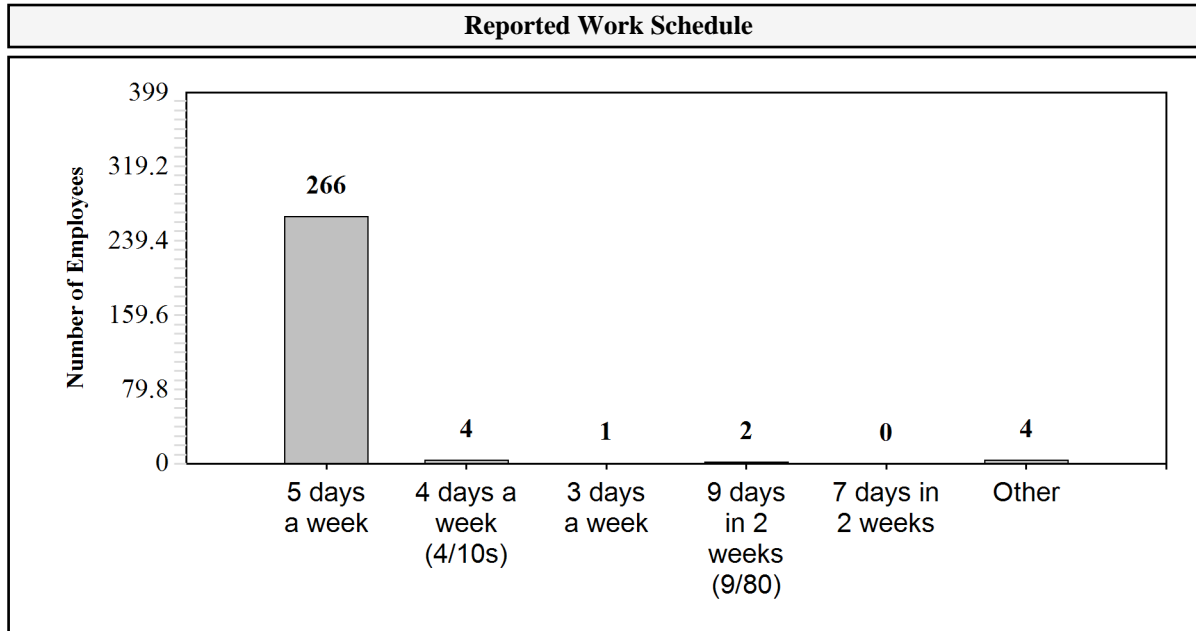
Q.4 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	132
3	Carpool	17
4	Carpool	2
5	Carpool	0
>5	Carpool	0
<5	Vanpool	2
5	Vanpool	0
6	Vanpool	15
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

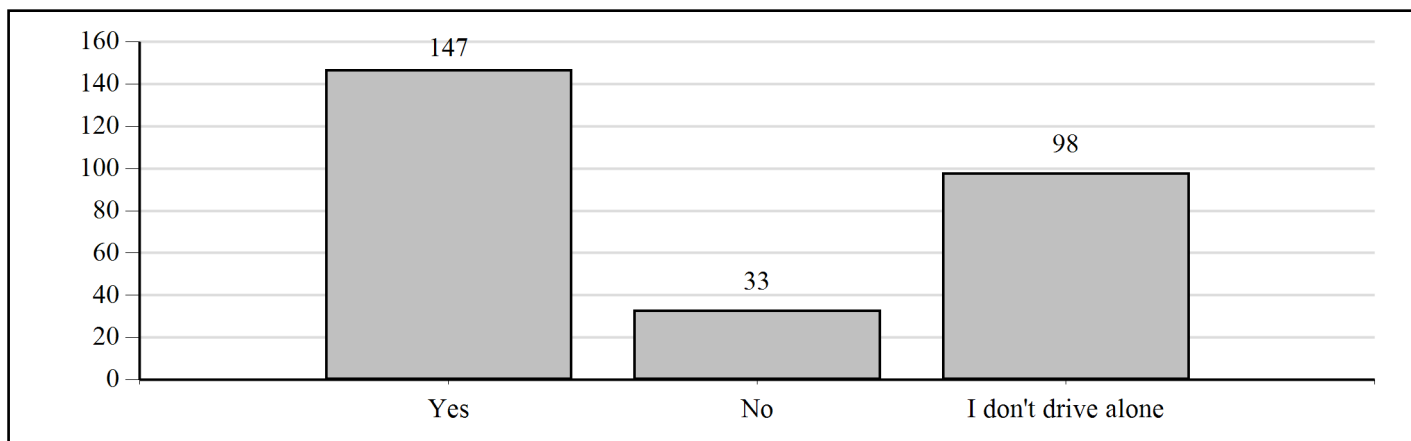
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	266	96%
4 days a week (4/10s)	4	1.4%
3 days a week	1	0.4%
9 days in 2 weeks (9/80)	2	0.7%
7 days in 2 weeks	0	0%
Other	4	1.4%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	0	0.0%
I don't telework	152	54.7%
Occasionally, on an as-needed basis	82	29.5%
1-2 days/month	8	2.9%
1 day/week	15	5.4%
2 days/week	14	5.0%
3 days/week	7	2.5%

Reasons for driving alone to work/not driving alone to work
Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Free or subsidized bus, train, vanpool pass or fare benefit	162	23.0%
Cost of parking or lack of parking	140	19.9%
To save money	111	15.7%
Personal health or well-being	57	8.1%
To save time using the HOV lane	52	7.4%
Environmental and community benefits	47	6.7%
I have the option of teleworking	35	5.0%
Other	33	4.7%
Driving myself is not an option	25	3.5%
Financial incentives for carpooling, bicycling or walking.	23	3.3%
Emergency ride home is provided	17	2.4%
Preferred/reserved carpool/vanpool parking is provided	3	0.4%
I receive a financial incentive for giving up my parking space	0	0.0%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	126	24.1%
I like the convenience of having my car	109	20.8%
Family care or similar obligations	108	20.7%
Other	98	18.7%
My job requires me to use my car for work	31	5.9%
Bicycling or walking isn't safe	19	3.6%
My commute distance is too short	18	3.4%
I need more information on alternative modes	12	2.3%
There isn't any secure or covered bicycle parking	2	0.4%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98012	9	3.24%	6	4	0	0	26	0	0	0	2	0	0	0	0
98036	9	3.24%	7	5	0	1	29	0	0	0	1	0	0	0	2
98026	8	2.88%	7	15	0	0	13	0	0	0	2	0	0	0	1
98102	8	2.88%	0	0	2	0	3	0	0	33	0	1	0	0	2
98103	8	2.88%	13	7	0	0	20	0	0	0	0	0	0	0	0
98115	8	2.88%	12	5	0	4	8	3	5	0	0	0	0	0	3
98133	8	2.88%	8	0	0	0	27	0	0	0	2	0	0	0	0
98116	7	2.52%	8	5	0	0	8	0	7	0	0	0	0	4	0
98122	6	2.16%	6	1	0	0	14	0	0	8	0	0	0	0	0
98006	5	1.80%	15	0	0	0	9	0	0	0	0	0	0	0	0
98037	5	1.80%	0	5	0	0	21	0	0	0	0	0	0	0	0
98125	5	1.80%	3	0	0	0	20	0	0	0	1	0	0	0	0
98155	5	1.80%	5	0	0	0	18	0	0	1	1	0	0	0	0
98178	5	1.80%	10	0	0	0	12	5	0	0	0	0	0	0	0
98001	4	1.44%	10	0	0	0	10	0	0	0	0	0	0	0	0
98003	4	1.44%	1	5	0	0	12	0	0	0	2	0	0	0	0
98058	4	1.44%	3	0	0	0	12	5	0	0	0	0	0	0	0
98101	4	1.44%	0	0	0	0	0	0	0	15	1	0	0	0	6
98119	4	1.44%	1	0	0	0	12	0	5	0	0	0	0	0	0
98177	4	1.44%	10	0	0	0	5	0	0	0	0	0	0	0	5
98296	4	1.44%	5	8	0	0	6	0	0	0	1	0	0	0	0
98007	3	1.08%	4	0	0	0	12	0	0	0	0	0	0	0	0
98011	3	1.08%	5	0	0	0	9	0	0	0	0	0	0	0	0
98020	3	1.08%	10	4	0	0	0	0	0	0	0	0	0	0	0
98023	3	1.08%	0	0	0	0	15	0	0	0	0	0	0	0	0
98029	3	1.08%	0	4	0	0	10	0	0	0	1	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98030	3	1.08%	6	0	0	0	8	1	0	0	0	0	0	0	0
98033	3	1.08%	2	0	0	0	11	0	0	0	1	0	0	0	0
98042	3	1.08%	1	0	0	0	9	5	0	0	0	0	0	0	0
98053	3	1.08%	6	0	0	0	10	0	0	0	1	0	0	0	0
98056	3	1.08%	5	0	5	0	4	0	0	0	1	0	0	0	0
98092	3	1.08%	5	5	0	0	0	5	0	0	0	0	0	0	0
98105	3	1.08%	1	0	0	0	13	0	0	0	2	0	0	0	0
98106	3	1.08%	0	1	0	0	14	0	0	0	0	0	0	0	0
98107	3	1.08%	0	0	0	0	9	0	5	0	0	0	0	0	0
98109	3	1.08%	0	0	0	0	9	0	0	5	0	0	0	0	0
98112	3	1.08%	0	0	0	0	10	3	0	0	2	0	0	0	0
98118	3	1.08%	5	7	0	0	0	3	0	0	0	0	0	0	0
98126	3	1.08%	6	0	0	0	8	0	0	0	2	0	0	0	0
98144	3	1.08%	1	3	0	0	5	5	0	0	1	0	0	0	0
98208	3	1.08%	0	1	0	0	14	0	0	0	0	0	0	0	0
98310	3	1.08%	2	0	0	0	0	0	0	0	1	0	0	14	0
98371	3	1.08%	0	0	0	0	4	11	0	0	0	0	0	0	0
98021	2	0.72%	0	0	0	0	10	0	0	0	0	0	0	0	0
98027	2	0.72%	0	5	0	0	5	0	0	0	0	0	0	0	0
98032	2	0.72%	0	2	0	0	3	5	0	0	0	0	0	0	0
98043	2	0.72%	2	0	0	0	8	0	0	0	0	0	0	0	0
98045	2	0.72%	0	4	0	0	6	0	0	0	0	0	0	0	0
98052	2	0.72%	1	0	0	0	7	0	0	0	2	0	0	0	0
98059	2	0.72%	5	0	0	0	4	0	0	0	0	0	0	0	0
98065	2	0.72%	1	9	0	0	0	0	0	0	0	0	0	0	0
98072	2	0.72%	1	5	0	0	4	0	0	0	0	0	0	0	0
98075	2	0.72%	0	0	5	0	5	0	0	0	0	0	0	0	0
98108	2	0.72%	0	5	0	0	0	5	0	0	0	0	0	0	0
98110	2	0.72%	0	0	0	0	0	0	2	0	0	0	0	5	5



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98117	2	0.72%	7	0	0	0	2	0	3	0	0	0	0	0	0
98121	2	0.72%	0	1	0	0	1	0	0	6	2	0	0	0	0
98166	2	0.72%	0	10	0	0	0	0	0	0	0	0	0	0	0
98199	2	0.72%	7	3	0	0	0	0	0	0	0	0	0	0	0
98204	2	0.72%	4	0	0	0	4	0	0	0	1	0	0	0	0
98270	2	0.72%	0	5	0	0	6	0	0	0	0	0	0	0	0
98290	2	0.72%	2	1	0	0	2	0	0	0	5	0	0	0	0
98372	2	0.72%	0	0	0	0	0	10	0	0	0	0	0	0	0
98373	2	0.72%	1	0	0	0	0	4	0	0	5	0	0	0	0
98374	2	0.72%	5	0	0	0	0	5	0	0	0	0	0	0	0
98375	2	0.72%	0	0	0	0	0	7	0	0	3	0	0	0	0
98383	2	0.72%	2	0	0	0	0	0	0	0	1	0	3	6	0
	1	0.36%	0	0	0	0	5	0	0	0	0	0	0	0	0
53140	1	0.36%	0	0	0	0	0	0	0	0	4	0	0	0	0
96026	1	0.36%	0	0	0	0	5	0	0	0	0	0	0	0	0
98008	1	0.36%	0	0	0	0	5	0	0	0	0	0	0	0	0
98024	1	0.36%	0	1	0	0	0	0	0	0	0	0	0	0	0
98028	1	0.36%	0	0	0	0	5	0	0	0	0	0	0	0	0
98031	1	0.36%	0	0	0	0	0	5	0	0	0	0	0	0	0
98034	1	0.36%	0	0	0	0	5	0	0	0	0	0	0	0	0
98038	1	0.36%	5	0	0	0	0	0	0	0	0	0	0	0	0
98040	1	0.36%	5	0	0	0	0	0	0	0	0	0	0	0	0
98057	1	0.36%	2	0	0	0	3	0	0	0	0	0	0	0	0
98070	1	0.36%	0	0	0	0	0	0	0	0	0	0	0	5	0
98074	1	0.36%	5	0	0	0	0	0	0	0	0	0	0	0	0
98087	1	0.36%	0	0	0	0	5	0	0	0	0	0	0	0	0
98104	1	0.36%	0	0	0	0	0	0	0	2	0	0	0	0	4
98136	1	0.36%	4	1	0	0	0	0	0	0	0	0	0	0	0
98146	1	0.36%	0	5	0	0	0	0	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98148	1	0.36%	0	0	0	0	5	0	0	0	0	0	0	0	0
98168	1	0.36%	0	0	0	0	0	5	0	0	0	0	0	0	0
98188	1	0.36%	0	0	0	0	5	0	0	0	0	0	0	0	0
98203	1	0.36%	0	5	0	0	0	0	0	0	0	0	0	0	0
98223	1	0.36%	0	0	0	0	5	0	0	0	0	0	0	0	0
98258	1	0.36%	1	0	0	0	5	0	0	0	0	0	0	0	0
98271	1	0.36%	1	0	0	0	5	0	0	0	0	0	0	0	0
98272	1	0.36%	2	0	0	0	0	0	0	0	1	0	0	0	0
98282	1	0.36%	0	0	0	0	3	0	0	0	2	0	0	0	0
98311	1	0.36%	0	0	0	0	0	0	0	0	0	0	0	7	0
98312	1	0.36%	0	0	0	0	0	0	0	0	2	0	0	3	0
98335	1	0.36%	0	3	0	0	2	0	0	0	0	0	0	0	0
98346	1	0.36%	0	0	5	0	0	0	0	0	0	0	0	0	0
98360	1	0.36%	0	0	0	0	0	0	0	0	5	0	0	0	0
98407	1	0.36%	0	0	0	0	5	0	0	0	0	0	0	0	0
98424	1	0.36%	0	0	0	0	5	0	0	0	0	0	0	0	0
98445	1	0.36%	0	0	0	0	4	0	0	0	0	0	0	0	0
98465	1	0.36%	0	0	0	0	0	5	0	0	0	0	0	0	0
98466	1	0.36%	0	0	0	0	5	0	0	0	0	0	0	0	0
98501	1	0.36%	0	0	0	0	0	0	0	0	5	0	0	0	0
98597	1	0.36%	1	0	0	0	4	0	0	0	0	0	0	0	0
98931	1	0.36%	0	0	0	0	0	5	0	0	0	0	0	0	0
99352	1	0.36%	0	0	0	0	0	0	0	0	5	0	0	0	0